Claims: What is claimed is:

Electronic signature patent:

I claim:

1. An electronic signature program for the creation, monitoring, and verification of an electronic signature, comprising:

(a) an authentication device or method,

(b) a central processing unit with a memory, said central processing unit being connected to receive data from said authentication device or method, either directly by accessing physical storage or over a computer network, including but not limited to the Internet, and to provide verification of the right of a user of another computer to access the computer of said central processing unit;

(c) a device or method for requesting and collecting unique data from an authenticated user for the purpose of receiving, creating, or assembling an electronic document, filing and/or transaction record;

(d) a parser to separate out information supplied by the authenticated user as unique to the document or transaction being signed as opposed to routinely supplied template or boilerplate related to such transaction, said parser being operated by said central processing unit;

(e) a first storage unit for collecting and archiving said unique information of the authenticated user, said first storage unit being connected to said central processing unit of said receiver computer,

(f) a second resolving unit for combining said unique information of the authenticated user with quantitative parameters of the receiver computer, said second resolving unit being connected to said central processing unit and said first storage unit;

(g) a method or device for digitally wrapping said unique information of the authenticated user together with the unique information of the server computer in combination with or apart from the said electronic document, filing or transaction record;

(h) a method or device for creating digitally signed messages with a plurality of data parameters, said digital signature being capable of authentication pursuant to asymmetric encryption or other digital signature verification method, without limitation, being connected to said central processing unit and said first storage unit; and/or said second resolving unit;

(i) a dispatching unit or method for returning the digitally signed, wrapped document, transaction information, other unique information, together with the electronic signature over the Internet or other computer network to the computer from whence it originated as proof of receipt of the unique information and the related electronic signature used to sign the contents thereof;

2. The electronic signature program of claim 1 wherein a method or unit is used for creating an archival copy at the receiver computer of the document, filing, transaction, and any other particulars of the process and interchange of information, and the electronic signature of the same on a medium which is not susceptible to change or modification thereafter.

3. The electronic signature program of claim 1 wherein the unique system information of the server computer consists of the date and time as reported from time to time to the memory locations of the central processing unit.

4. The electronic signature program of claim 1 wherein a digitally signed reply is further required of the signer as an additional receipt and authentication procedure.

5. The method of claim 1 wherein a unit is used for storing data in appropriate form for archival purposes, said archival unit being connected to said second resolving unit and having write-once, read-only properties.

6. The electronic signature program of claim 1 wherein the computer data containing the electronic signature is digitally signed at the server computer by a method other than asymmetric encryption.

7. The electronic signature program of claim 1 wherein said electronic signature is used for legal documents that are thereafter transmitted to and filed electronically with courts, regulatory agencies or document repositories as original legal filings.

8. The electronic signature program of claim 1 wherein the integrity of the electronic signature and the document it signed is verified through use of the corresponding public key of the receiver computer.

9. An electronic signature program for generating and returning an electronic signature between two computers whereby a receiving computer

(a) obtains a plurality of parametric data from a user of another computer over the Internet, other computer network, or pursuant to physical storage medium;

(b) converts each datum obtained into storage units parsed by the receiving computer from the value of each datum within the information datum provided by the user;

(c) combines such information datum with unique data of the receiving computer generated for each such transaction with a user;

(d) affixes a digital signature to the resultant information datum; and

(e) returns the digitally signed information datum to the user.

10. The electronic signature program of claim 9 wherein said related parameters are user supplied data of a signer and said data is combined with unique information of the recipient computer and allows authentication of user and message contents by means the electronic signature of such user as verified by the unique identifier of the server computer and differential deviations with those for a known unauthorized signature or modified message content.

11. The electronic signature program of claim 9 wherein a method or unit is used for creating an archival copy at the receiver computer of the document, filing, transaction, and any other particulars of the process and interchange of information, and the electronic signature of the same on a medium which is not susceptible to change or modification thereafter.

12. The electronic signature program of claim 9 wherein a digitally signed reply is required of the signer as a further receipt and authentication procedure.

13. The electronic signature program of claim 9 wherein a unit is used for storing data in appropriate form for archival purposes, said archival unit having write-once, read-only properties.

14. The electronic signature program of claim 9 wherein the signature is affixed by pressing a button on a form presented by the receiver computer.

15. The electronic signature program of claim 9 wherein the information requested of the user is provided by a form presented by the server computer to the computer of the signing party.

16. An electronic signature program to create a legally binding signature for electronic documents, filings and transactions over the Internet, and other computer networks, comprising the steps of:

(a) authenticating the user by one of several means;

(b) obtaining unique information related to the document or transaction to be effectuated by means of forms completed by the user;

(c) providing a means to incorporate certain such user supplied information relating to the transaction with the system clock information of the server computer;

(d) digitally signing the combined user supplied information and server clock information; and

(e) transmitting the signed information back to the user as a receipt containing the document or document information and the electronic signature of the computer user.

17. The electronic signature program of claim 16 wherein the information requested of the user is provided by a form presented by the server computer.

18. The electronic signature program of claim 16 wherein a unit is used for storing data in appropriate form for archival purposes, said archival unit having write-once, read-only properties.

19. The electronic signature program of claim 16 wherein a digitally signed reply is required of the signer as a further receipt and authentication procedure.